

What is claimed is:

1. Lactic acid menthyl ester compacts, wherein the lactic acid menthyl ester content in the compact is at least 80 % (m/m).
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2. The compacts as claimed in Claim 1, wherein the lactic acid menthyl ester content in the compact is at least 90 % (m/m).
3. The compacts as claimed in Claim 1, wherein the lactic acid menthyl ester content in the compact is at least 95 % (m/m).
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4. The compacts as claimed in Claim 1, wherein said lactic acid menthyl ester is 1-lactic acid 1-menthyl ester.
- 15 5. The compacts as claimed in Claim 1, wherein said compact is formed by a process comprising compression of ingredients and flaked lactic acid menthyl ester is used in said compression.
6. The compacts as claimed in Claim 1 exhibiting the form of spheres, cubes, cuboids, cushions, cylinders, tablets, pellets or briquettes.
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7. A method for the preparation of lactic acid menthyl ester compacts according to claim 1, wherein the lactic acid menthyl ester content in the finished compact is at least 80 % (m/m).
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8. The method as claimed in Claim 7, wherein the lactic acid menthyl ester content in the finished compact is at least 90 % (m/m).
9. The method as claimed in Claim 7, wherein said compact is formed by a process comprising compression of ingredients and flaked lactic acid menthyl ester is used in said compression.
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10. The method as claimed in Claim 7, wherein said lactic acid menthyl ester is 1-lactic acid 1-menthyl ester is used.
- 5 11. The method as claimed in Claim 7, wherein said compact is formed by a process comprising compression of ingredients and the compression is carried out using a pressing force in the range of 10 - 100 kN.
- 10 12. The use of compacts as claimed in Claim 1 for incorporation in products where a long-lasting physiological cooling effect is desired on skin and mucous membranes.